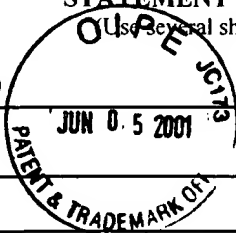


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U.S. PATENT DOCUMENTS								
EXAMINER INITIALS	CITE NO.	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
SCB	AA	6281205 Ser. No. 09/220,408	—	Tanabe et al.			12/24/98	
	AB	6,054,446	—	Tanabe et al.	514	176		
FOREIGN PATENT DOCUMENT								
EXAMINER INITIALS	CITE NO.	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
SCB	AC	WO 99/33859	6/8/99	PCT				
OTHER DOCUMENTS — NONPATENT LITERATURE DOCUMENTS								
EXAMINER INITIALS	CITE NO.	INCLUDE NAME OF AUTHOR, TITLE OF ARTICLE (IF APPROPRIATE), TITLE OF PUBLICATION, DATE, PAGE(S), VOLUME-ISSUE NUMBER(S), PUBLISHER, AND PLACE OF PUBLICATION						
SCB	AD	Peters et al. (1989), "17-Desoxy Estrogen Analogs," <i>J. Med. Chem.</i> 32 (7):1642-1652.						
	AE	Plate et al. (2000), "Synthesis of (3 α , 7 β , 17 α)-7-Methyl-19-Norpregn-5(10)-En-20-Yne-3,7,17-Triol, a Metabolite of ORG OD14, and Its 7-Epimer," <i>Steroids</i> 65 :497-504.						

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1614 1616

U.S. PATENT DOCUMENTS

EXAMINER INITIALS	CITE NO.	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
SCB	AF	2,883,402	4/21/59	Magerlein et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS	CITE NO.	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
SCB	AG	EP 0007515	2/6/80	Europe				X
	AH	FR 2332759	6/24/97	France				X
	AI	JP 43021058 (abstract only)	5/30/65	Japan			X (abstract only)	
	AJ	WO 99/33859	7/8/99	PCT				

OTHER DOCUMENTS — NONPATENT LITERATURE DOCUMENTS

EXAMINER INITIALS	CITE NO.	INCLUDE NAME OF AUTHOR, TITLE OF ARTICLE (IF APPROPRIATE), TITLE OF PUBLICATION, DATE, PAGE(S), VOLUME-ISSUE NUMBER(S), PUBLISHER, AND PLACE OF PUBLICATION
	AK *	Annen et al. (1978), "Eine Neuartige Einfache Dreiring-Synthese," <i>Chem. Ber.</i> <u>111</u> (9):3094-3104.
	AL	Kaneko et al. (1969), "Carbalkoxymethylene Steroids," <i>Chemical Abstracts</i> <u>70</u> (19), Abstract No. 88104r.
SCB	AM	Magerlein et al. (1958), "Preparation and Reactions of 11-Substituted 1,3,5(10)-Estratrienes. I. 11-Oxygenated Estrones and Estradiols," <i>Journal of the American Chemical Society</i> <u>80</u> :2220-2225.
	AN	Pasman et al. (1982), "Photoinduced Long-Range Electron Transfer in Rigid Bichromophoric Molecules," <i>Journal of the Royal Netherlands Chemical Society</i> <u>101</u> (10):363-364.
	AO	Sandoval et al. (1955), "Steroids. LCI. Synthesis of 19-Nor-Desoxycorticosterone, a Potent Mineralocorticoid Hormone," <i>Journal of the American Chemical Society</i> <u>77</u> :148-151.

* No English abs. or translation.

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1614 1616

OTHER DOCUMENTS — NONPATENT LITERATURE DOCUMENTS

AP	Sih et al. (1968), "Mechanisms of Steroid Oxidation by Microorganisms. XIII. C22 Acid Intermediates in the Degradation of the Cholesterol Side Chain," <i>Biochemistry</i> 7(2):796-807.
AQ	Tedesco et al. (1997), "An Expeditious Route to 7 α -Substituted Estradiol Derivatives," <i>Tetrahedron Letters</i> 38(46):7997-8000.
AR	Wicha et al. (1977), "Synthesis of Pregn-17/20/-en-21-oic Acid Derivatives. The Wittig-Horner Reaction on Steroidal 17-Ketones," <i>Synthetic Communications</i> 7(3):215-222.

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U.S. PATENT DOCUMENTS

EXAMINER INITIALS	CITE NO.	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
SAB	AS	2,925,427	2/16/60	Djerassi et al.	260	397.4	
	AT	3,065,226	11/20/62	Ringold et al.	260	239.55	
	AU	3,194,821	7/13/65	Freiberg et al.	260	397.1	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS	CITE NO.	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AV	FR2190427	2-1-74	France				X
	* AW	/ JP43021058	5/30/65	Japan			X (abstract)	
	* AX	JP54112850 A	9/4/79	Japan			X (abstract)	
	* AY	JP54117454 A	9/12/79	Japan			X (abstract)	
	* AZ	JP54117455 A	9/12/79	Japan			X (abstract)	
	* BA	JP54117456 A	9/12/79	Japan			X (abstract)	
	BB	GB1277265	6/7/72	United Kingdom				

OTHER DOCUMENTS — NONPATENT LITERATURE DOCUMENTS

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	BC	Bolt et al. (1971), "The 6.alpha.-and 6.beta.-Methyl Steroids in the 19-nor Series," <i>Recl. Trav. Chim. Pays-Bas</i> 90(8):849-60 (abstract only).
	BD	Fennell et al. (1992), "Effects of Androgen Testosterone 5-Alpha Dihydrotestosterone 19 Nortestosterone Administration on Growth in Turkeys," <i>Poultry Science</i> 71(3):539-547 (abstract only).
	BE	Gaillard (1991), "Equine Testicular Aromatase Substrates Specificity and Kinetic Characteristics," <i>Comparative Biochemistry and Physiology B Comparative Biochemistry</i> 100(1):107-116 (abstract only).
	BF	Johnson (1972), "6,6-Difluoro-19-Norprogesterone," <i>Journal of Medicinal Chemistry</i> 15(7):784-785.
	BG	Krubiner et al. (1966), "The Conversion of 17-Keto Steroids to 20-Olygenated Steroids. A Facile Synthesis of 19-Norprogesterone," <i>Journal of Organic Chemistry</i> 31(1):24-26.
	BH	Skaddan et al. (1999), "Synthesis and Binding Affinities of Novel Re-Containing 7α-Substituted Estradiol Complexes: Models for Breast Cancer Imaging Agents," <i>J. Org. Chem.</i> 64(22):8108-8121.
	BI	Sundaram et al. (1995), "Different Patterns of Metabolism Determine the Relative Anabolic Activity of 19-Norandrogens," <i>Journal of Steroid Biochemistry and Molecular Biology</i> 53(1-6):253-257 (abstract only).

* English abstract considered

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